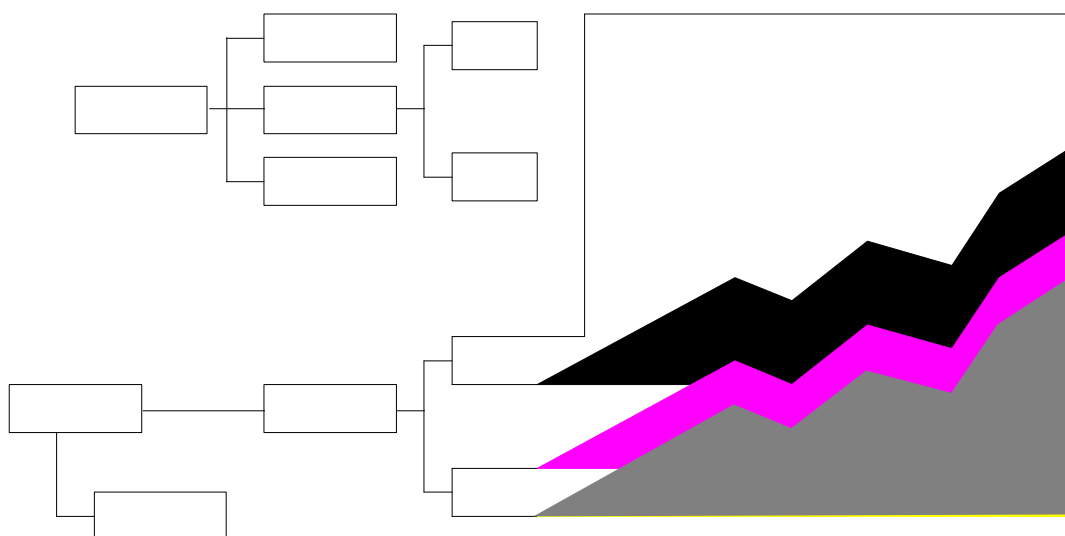

Monthly Summary of

Program Financial and Budget Information

FY 1999 Year-end Report



Office of Civilian Radioactive Waste Management
Office of Program Management and Administration

Foreword

The *Monthly Summary of Program Financial and Budget Information* is a compendium of program-level financial and budget information which is intended to assist the Director, OCRWM, in managing the program. It utilizes the Program Work Breakdown Structure and the Budget and Reporting codes instituted at the start of FY 1997.

The report provides a variety of financial and budget-related data, including Nuclear Waste Fund status, Total System Life Cycle Cost (TSLCC) estimates, historical data on cost and budget, and current year obligations and costs. Major sources of data include the Financial Information System (FIS) and the Approved Funding Program (AFP).

The report focuses on the program level; it is not meant to duplicate more detailed project or contractor reporting.

Questions or comments regarding the *Monthly Summary of Program Financial and Budget Information* should be forwarded to the Director, Program Management Division, RW-53.

Monthly Summary of Program Financial and Budget Information

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Monthly Summary of Program Financial and Budget Information

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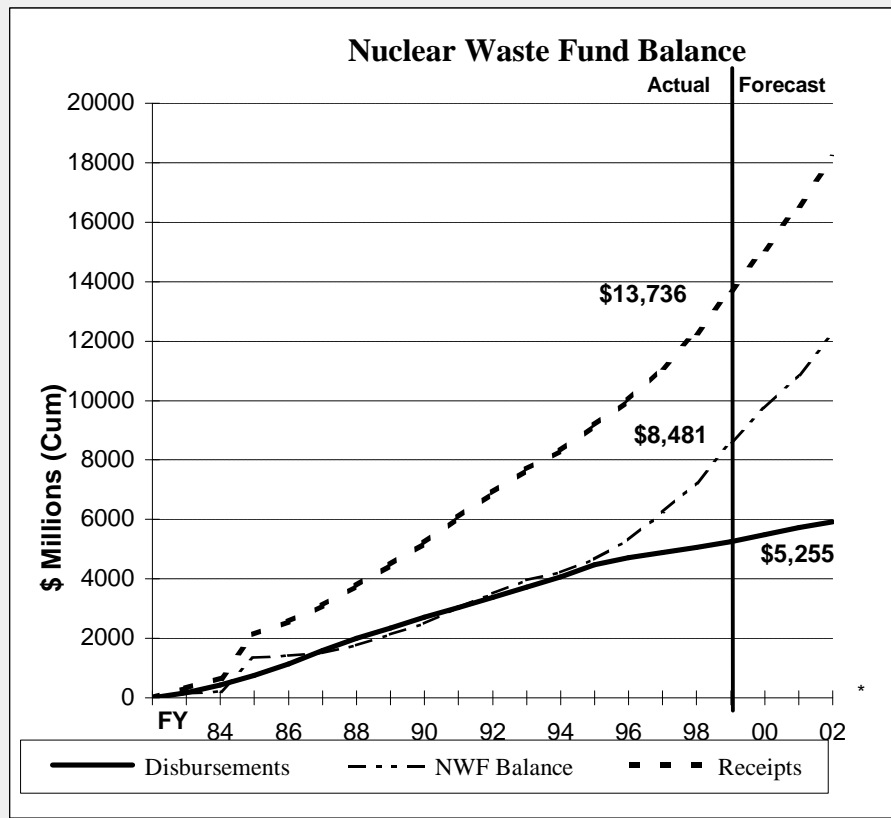
FY 1999 - FY 2000
BUDGET FORMULATION SUMMARY
(dollars in thousands)

PROGRAM ELEMENT	FY 1999 CONGRESSIONAL BUDGET REQUEST (a)					FY 1999 ENACTED (d) Appropriation	FY 2000 CONGRESSIONAL BUDGET REQUEST (e)					FY 2000 ENACTED Appropriation (h)
	FY 1997 Enacted Appropriation	FY 1998 Enacted Appropriation	FY 1999 Budget Request	FY 2000 Budget Request	FY 2001 Budget Request		FY 1998 Enacted Appropriation	FY 1999 Enacted Appropriation	FY 2000 Budget Request (f)	FY 2001 Budget Request (g)	FY 2002 Budget Request (g)	
YUCCA MOUNTAIN SITE CHAR. PROJECT	\$299,459	\$267,710	\$297,823	\$287,328	\$270,186	\$282,414	\$267,710	\$282,414	\$331,667	\$279,698	\$267,911	\$282,238
WASTE ACCEPTANCE, STORAGE AND TRANSPORTATION	\$9,360	\$5,947	\$10,505	\$9,130	\$21,855	\$1,850	\$5,947	\$1,850	\$5,730	\$22,230	\$34,550	\$1,795
ACCELERATOR TRANSMUTATION OF WASTE						\$4,000		\$4,000				\$0
PROGRAM INTEGRATION:												
Quality Assurance	\$878	\$0 (c)	\$0	\$0	\$0	\$0	\$0 (c)	\$0	\$0	\$0	\$0	\$0
Program Management	\$5,479	\$5,049	\$5,995	\$5,995	\$5,995	\$6,009	\$5,049	\$6,009	\$6,260	\$6,260	\$6,390	\$4,761
Human Resources & Admn.	\$4,789	\$4,814	\$5,188	\$5,188	\$5,188	\$5,241	\$4,814	\$5,241	\$5,532	\$5,532	\$5,402	\$3,895
Total Program Integration	\$11,146	\$9,863	\$11,183	\$11,183	\$11,183	\$11,250	\$9,863	\$11,250	\$11,792	\$11,792	\$11,792	\$8,656
PROGRAM DIRECTION	\$62,035	\$62,480	\$60,489	\$62,359	\$56,776	\$57,951	\$62,480	\$58,486	\$59,811	\$56,280	\$55,747	\$59,811
TOTAL PROGRAM	\$382,000	\$346,000	\$380,000	\$370,000	\$360,000	\$357,465	\$346,000	\$358,000	\$409,000 (f)	\$370,000	\$370,000	\$352,500
TOTAL FEDERAL STAFFING (FTEs)	232 (b)	206	187	178	177	196	202	196	195	195	195	195

Note: This chart uses the actual structure (i.e. Program Elements) used in the budget submissions in the OCRWM budget formulation process.

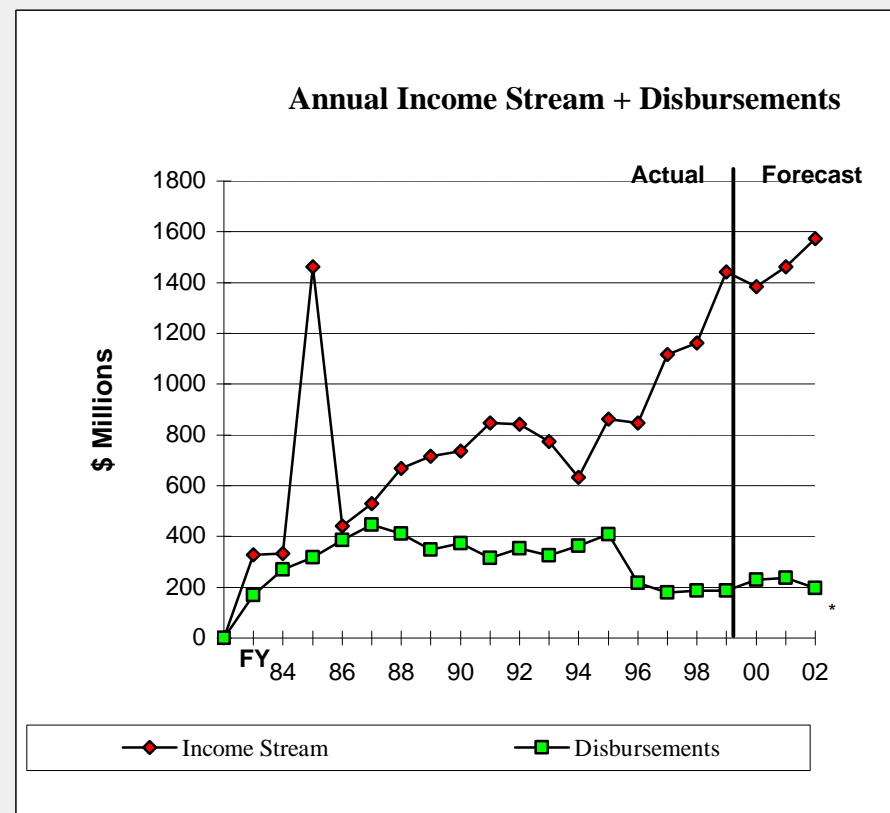
- (a) Funding for selected support service contracts has been removed from the YMP, WAST, QA, PM, and HR&A elements and added to the Program Direction element. The funding moved for each fiscal year follows.
For FY 1997: YMP (\$25,505), WAST (\$576), QA (\$832), PM (\$1,781), and HR&A (\$5,114). For FY 1998: YMP (\$27,860), WAST (\$870), QA (\$1,539), PM (\$1,925), and HR&A (\$3,680).
For FY 1999: YMP (\$26,177), WAST (\$645), QA (\$1,710), PM (\$1,841), and HR&A (\$3,905). For FY 2000: YMP (\$27,822), WAST (\$870), QA (\$1,710), PM (\$1,841), and HR&A (\$3,905).
For FY 2001: YMP (\$22,464), WAST (\$645), QA (\$1,710), PM (\$1,841), and HR&A (\$3,905).
- (b) Actual FTE usage in FY 1997 was 225.
- (c) Starting in FY 1998, the Quality Assurance budget is included in the Program Direction account under support services.
- (d) Sources of the appropriation are H.R. 4060, the Energy and Water Development Appropriations Act, 1999 (Sent to President) which was enacted unchanged in Public Law 105-245 and the Emergency Steel Loan Guarantee and Emergency Oil and Gas Guaranteed Loan Act of 1999 (H.R. 1664) which rescinded \$535,000 of FY 1999 funds from the Nuclear Waste Disposal Fund appropriation. Allocations to each Program Element are from the OCRWM FY 2000 OMB Budget Control Table, dated January 8, 1999 modified by the removal of the rescinded \$535K from Program Direction. The FY 1999 Senate Energy and Water Appropriations Report directed the Program to assess accelerator transmutation of waste (ATW) technology beginning in FY 1999, at a level of \$4 million.
- (e) Funding for selected support service contracts has been removed from the YMP, WAST, QA, PM, and HR&A elements and added to the Program Direction element. The funding moved for each fiscal year follows.
For FY 1998: YMP (\$27,860), WAST (\$870), QA (\$1,539), PM (\$1,925), and HR&A (\$3,680). For FY 1999: YMP (\$27,244), WAST (\$450), QA (\$1,710), PM (\$1,446), and HR&A (\$3,425).
For FY 2000: YMP (\$27,822), WAST (\$270), QA (\$1,710), PM (\$1,446), and HR&A (\$3,691). For FY 2001: YMP (\$23,539), WAST (\$270), QA (\$1,710), PM (\$1,446), and HR&A (\$3,691).
For FY 2002: YMP (\$22,239), WAST (\$450), QA (\$1,710), PM (\$1,446), and HR&A (\$3,691).
- (f) This sum includes a request for new budget authority totaling \$370 million, as well as a request that an additional \$39 million be provided from \$85 million in unobligated balances remaining from the FY 1996 Defense Nuclear Waste Disposal Appropriation (Public Law 104-46) and transferred to the Nuclear Waste Disposal account in FY 2000.
- (g) The outyear budget request shown are preliminary and do not necessarily reflect program requirements. Future budget requests for the program have yet to be established and will be determined through the annual budget process.
- (h) Sources of the appropriation are H.R. 2605, the Energy and Water Development Appropriations Act, 2000 (Sent to President) which was enacted unchanged in Public Law 106-60. Allocations to each Program Element are from the draft OCRWM FY 2000 Budget Distribution, dated October 14, 1999.

NUCLEAR WASTE FUND BALANCE AND INCOME STREAM



* Each tick mark represents the end of a fiscal year.

Current Values as of September 30, 1999



Sources: Actual data from the "NWF Summary of Cash Balances" issued monthly by the DOE Office of Chief Financial Officer.

Forecast Disbursements are based on the OCRWM FY2000 Congressional Budget Request, with appropriations adjusted to disbursements using OMB's simplified (50/50) formula plus \$17 million for appropriations to the NRC and TRB.

Actual and Forecast disbursements include NRC, NWN, and NWTRB appropriations.

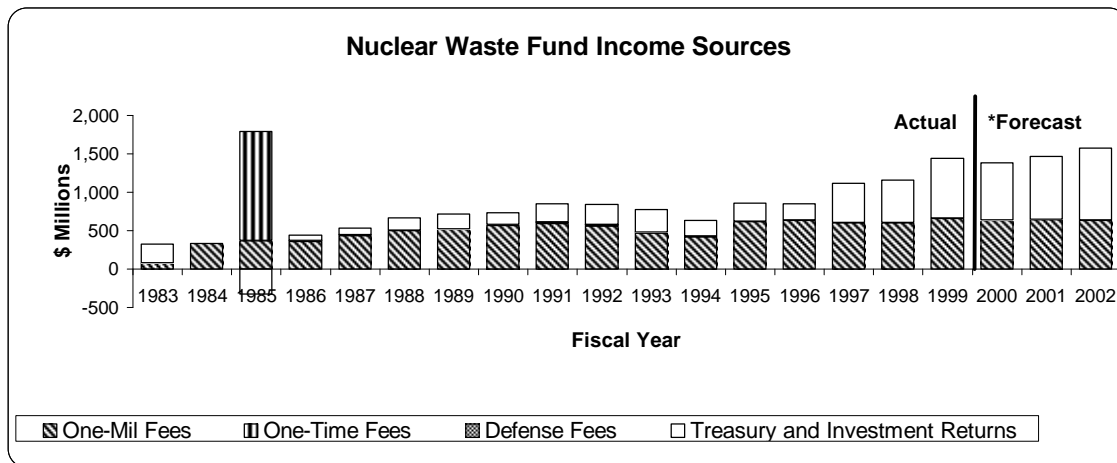
Receipts and Disbursements do not include Defense Nuclear Waste Disposal (DNWD) appropriations of \$100M in FY 1993, \$120M in FY 1994, \$129.430M in FY 1995, \$163.4M in FY 1996, \$200M in FY 1997, \$190M in FY 1998, and \$189M in FY 1999 because these funds do not flow through the Nuclear Waste Fund.

Forecast kWh Fee Receipts are based on the March 1999 memo from EIA to RW, re: 'Energy Information Administration

Nuclear Waste Fund Revenue Projections Through Fiscal Year 2008.'

Investment returns include coupon interest receipts; net premiums and discounts paid or received on bills, notes, and bonds; and amortized discounts on zero-coupon bonds. The NWF Balance includes the face value of bills, notes, and bonds and the purchase price plus amortized discount of zero-coupon bonds.

Nuclear Waste Fund Income Sources and Disbursements



Fiscal Year	One-Mil Fees	One-Time Fees	Cumulative Fees	Defense Fees	Treasury Loan Principal (Payment)	Investment Returns	Annual Income	**Annual Disbursements	NWF Balance
1983	74	0	74	0	254	0	327	169	158
1984	330	0	404	0	5	0	334	271	221
1985	367	1,427	2,198	0	-258	-74	1,463	317	1,367
1986	362	6	2,566	0	0	73	441	385	1,423
1987	435	6	3,007	0	0	89	530	446	1,507
1988	498	6	3,511	0	0	165	669	412	1,764
1989	513	6	4,030	0	0	196	715	349	2,130
1990	570	6	4,606	0	0	161	737	372	2,495
1991	594	6	5,206	5	0	241	846	315	3,026
1992	560	6	5,772	8	0	268	842	354	3,514
1993	466	11	6,249	0	0	296	773	325	3,962
1994	418	4	6,671	0	0	210	632	364	4,229
1995	615	0	7,286	0	0	246	861	408	4,682
1996	633	1	7,920	0	0	212	847	218	5,311
1997	596	0	8,516	0	0	520	1,116	178	6,249
1998	600	0	9,116	0	0	561	1,161	186	7,224
1999	662	0	9,778	0	0	780	1,443	186	8,481
Cum-to-date	8,293	1,485	9,778	13	0	3,945	13,736	5,255	8,481
2000	634	0	10,412	0	0	751	1,385	229	9,637
2001	638	0	11,050	0	0	825	1,462	236	10,863
2002	637	0	11,687	0	0	935	1,572	197	12,238

****Includes Program Expenditures, Treasury Loan Interest (FY84 \$3M, FY85 \$5M) and Interest Refunded to Utilities (FY88 \$7M, FY89 \$1M, FY92 \$7M, FY93 \$41M, FY94 \$48M, FY95 \$19M, FY96 \$1M).**
Rows may not add due to independent rounding
Current Values as of September 30, 1999

Sources: Actual data from the "NWF Summary of Cash Balances" issued monthly by the DOE Office of Chief Financial Officer.

*Forecast kWh Fee Receipts are based on the March 1999 memo from EIA to RW, re: 'Energy Information Administration Nuclear Waste Fund Revenue Projections Through Fiscal Year 2008.'

Forecast Disbursements are based on the OCRWM FY2000 Congressional Budget Request, with appropriations adjusted to disbursements using OMB's simplified (50/50) formula plus \$17 million for appropriations to the NRC and TRB.

Actual and Forecast disbursements include NRC, NWN, and NWTRB appropriations, interest on Treasury loans and interest refunded to utilities.

Receipts and Disbursements do not include Defense Nuclear Waste Disposal appropriations of \$100M in FY 1993, \$120M in FY 1994, \$129.430M in FY 1995, \$163.4M in FY 1996, \$200M in FY 1997, \$190M in FY 1998, and \$189M in FY 1999 because these funds do not flow through the Nuclear Waste Fund.

Investment returns include coupon interest receipts; net premiums and discounts paid or received on bills, notes, and bonds; and amortized discounts on zero-coupon bonds. The NWF Balance includes the face value of bills, notes, and bonds and the purchase price plus amortized discount of zero-coupon bonds.

**SUMMARY OF
TOTAL-SYSTEM LIFE-CYCLE COSTS**
(millions of 1998 dollars)

Cost Category	Total Cost
Monitored Geologic Repository	\$29,120
Waste Acceptance, Storage & Transportation	6,390
Nevada Transportation	790
Program Integration	3,990
Institutional	3,400
TOTAL-SYSTEM COST	\$43,690

Data extracted from "Analysis of the Total System Life Cycle Cost of the Civilian Radioactive Waste Management Program", DOE/RW-0510, Dec 98.

MANPOWER - FEDERAL PERSONNEL

(Nuclear Waste Fund)

Office	FY 1999 Planned FTEs	Approved FY1999/2000 Ceiling (c)	Total On Board (c)
Office of the Director	(a)	(a)	8
Office of Quality Assurance (b)	(a)	(a)	12
Office of Acceptance, Transportation, & Integration	(a)	(a)	25
Office of Program Management & Administration	(a)	(a)	27
Yucca Mountain Site Characterization Office	(a)	(a)	98
Subtotal	176	179	170
Nevada Operations Office	6	6	6
Subtotal	6	6	6
DOE HQ Matrix Support			
CP	2	2	2
EI	1	1	1
GC	4	4	4
EH	1	1	1
HR	4	4	4
CR	2	2	2
Subtotal	14	14	14
TOTAL	196	199	190

Source: RW-56 Human Resources Division as of September 30, 1999.

- (a) FY 1999 Planned FTEs and Target are not established at the office level
- (b) Nine FTEs support YMSCO; duty stationed in Nevada
- (c) Head count - Approved Workforce 21 Staffing Ceiling (3/31/99)

MANPOWER - CONTRACTOR PERSONNEL

Contractor	Actual FTEs (FY 1997)	Actual FTEs (Sep 1997)	Actual FTEs (FY 1998)	Actual FTEs (Sep 1998)	Actual FTEs (FY 1999)	Actual FTEs (Sep 1999)
TRW Environmental Safety Systems (TESS)	1,739.5	2,222.5	1952.6	2017.7	1697.1	1547.9
USGS	124.2	122.3	115.5	115.1	108.4	109.6
KENROB and Associates, Inc.	71.3	95.5	52.6	44.8	30.1	0.0
RSIS					18.9	52.5
SAIC/QATSS	52.5	82.0	77.8	82.0	78.9	100.4
Booz-Allen & Hamilton Inc. (a)	27.2	49.0	72.6	49.0	85.4	81.6
Alpha Services	26.8	25.0	26.9	25.0	26.8	29.0
Jason & Associates	12.4	24.4	50.8	24.4	40.0	21.1
Other (Minors) (b)	7.7	8.5	6.7	7.5	5.5	5.6
	2,061.6	2,629.2	2,355.5	2,365.5	2,091.1	1,947.7

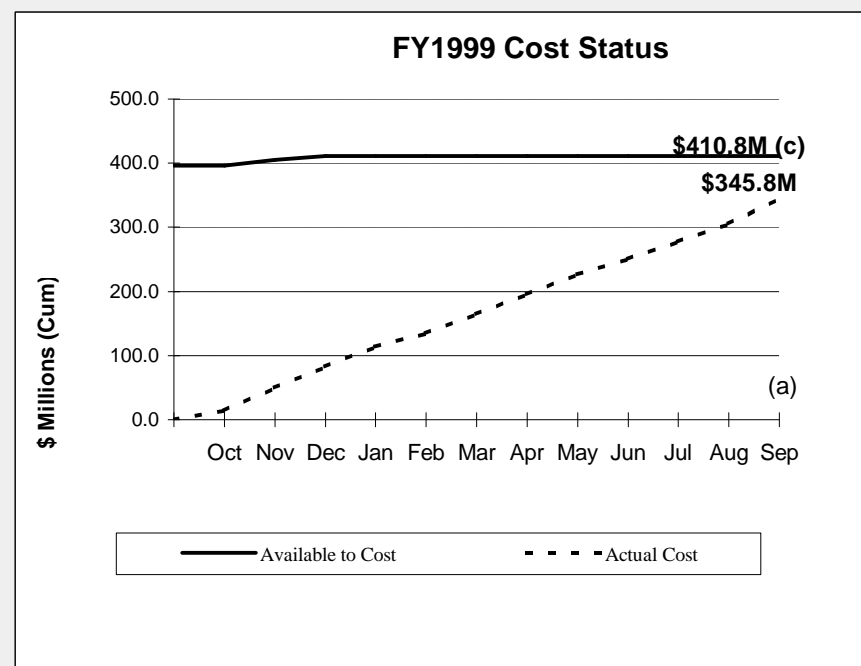
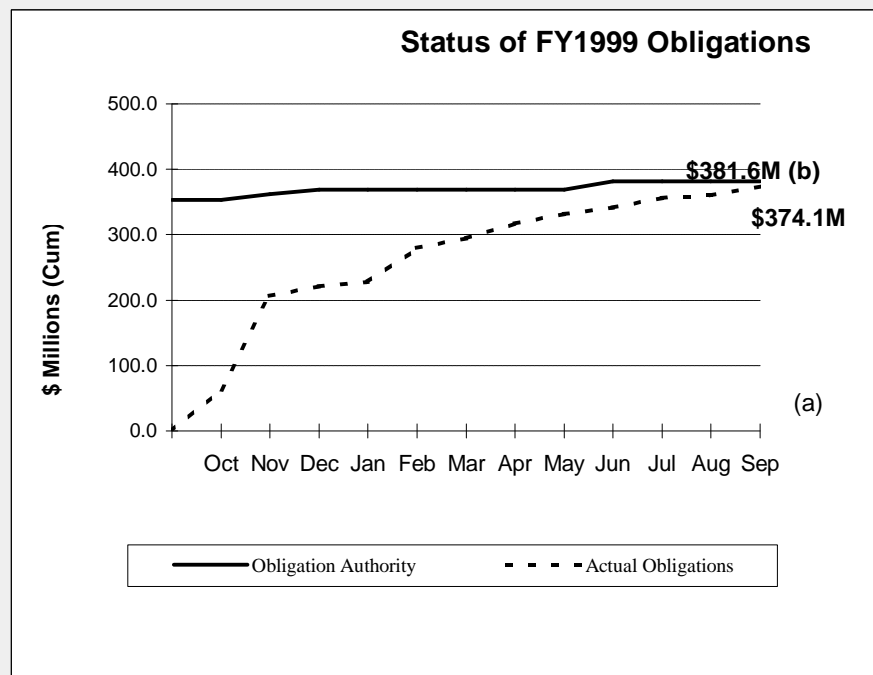
Columns may not add due to independent rounding.

Sources: Yucca Mountain Site Characterization Project Planning and Control System as of September 30, 1999 plus TRW Environmental Safety Systems Inc. (TESS) reported indirect labor as of September 30, 1999.

(a) Contract awarded 2nd Quarter, FY 1997

(b) Includes Atomic Energy of Canada LTD, Battelle Memorial Institute/Pacific National Lab, Wackenhut Services, Inc., Quality Service Associates Inc., and the Energy Information Administration.

FY1999 OBLIGATION AND COST SUMMARY PROGRAM



(a) Each tick mark represents the end of a calendar month.

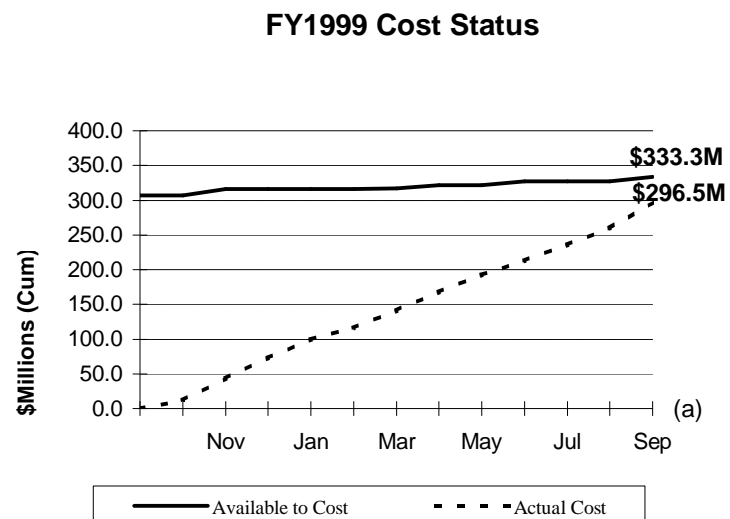
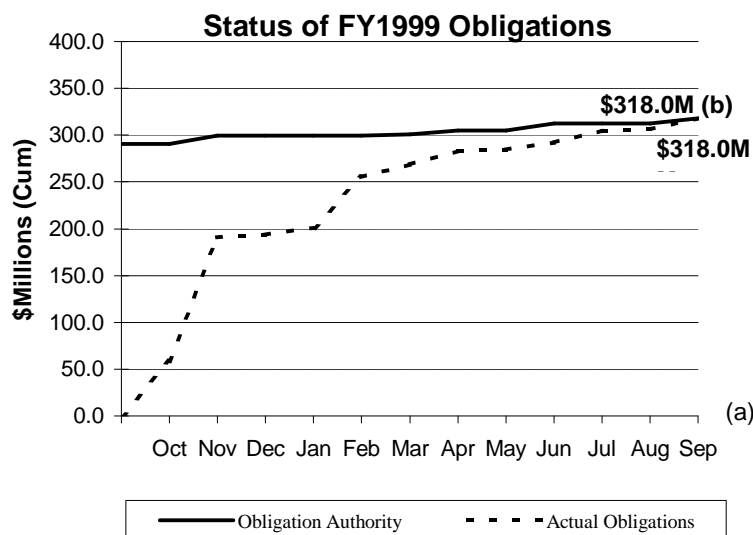
(b) Total Obligational Authority (TOA) includes \$13.6M of prior year obligations which have been de-obligated during FY 1999.

(c) Available to Cost decreased in August due to the rescission of \$535K of FY 1999 funds by the Emergency Steel Loan Guarantee and Emergency Oil and Gas Guaranteed Loan Act of 1999 (H.R. 1664).

Note: Quantities shown are based on the FY 1999 September AFP and the September 30, 1999 FIS report.

Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

FY1999 OBLIGATION AND COST STATUS YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT



Note: Charts do not include Yucca Mountain quality assurance.

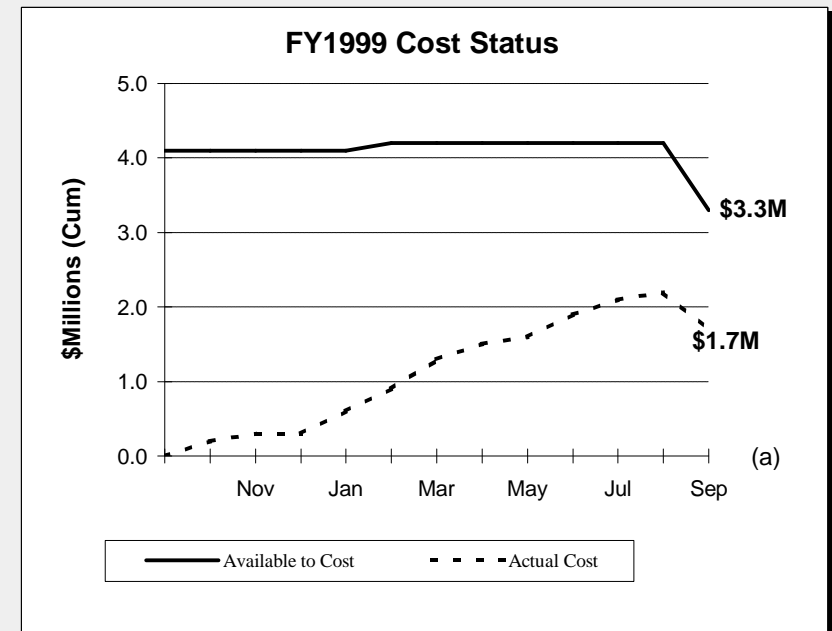
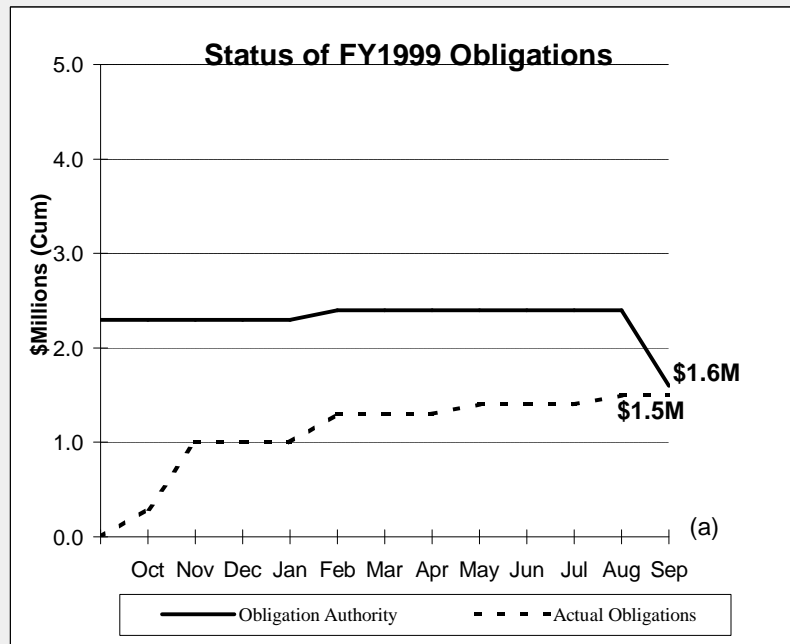
(a) Each tick mark represents the end of a calendar month.

(b) Total Obligational Authority (TOA) includes \$5.7M of prior year obligations which have been de-obligated during FY 1999.

Note: Quantities shown are based on the FY 1999 September AFP and the September 30, 1999 FIS report.

Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

FY1999 OBLIGATION AND COST STATUS WASTE ACCEPTANCE, STORAGE, AND TRANSPORTATION



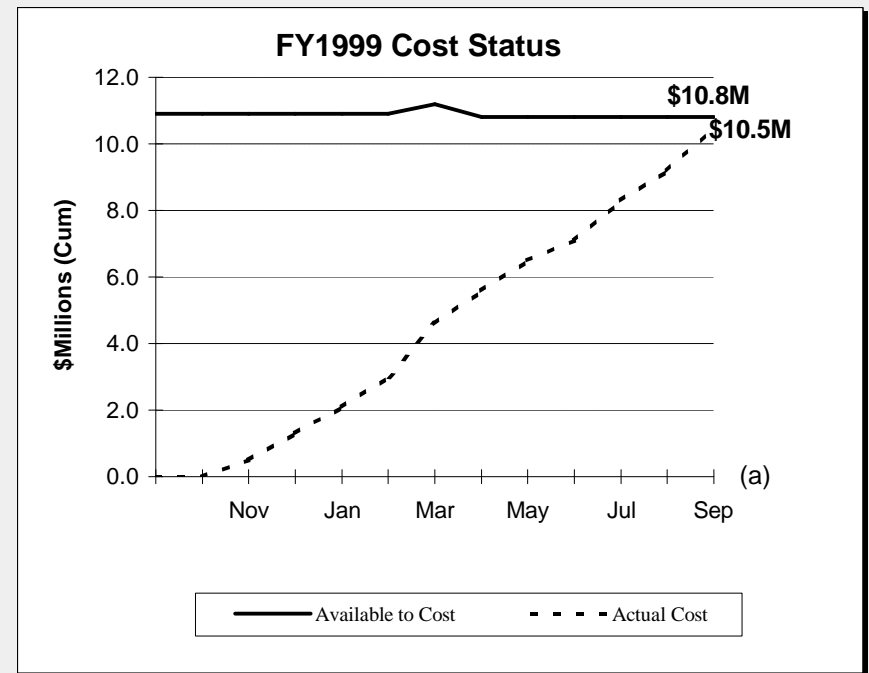
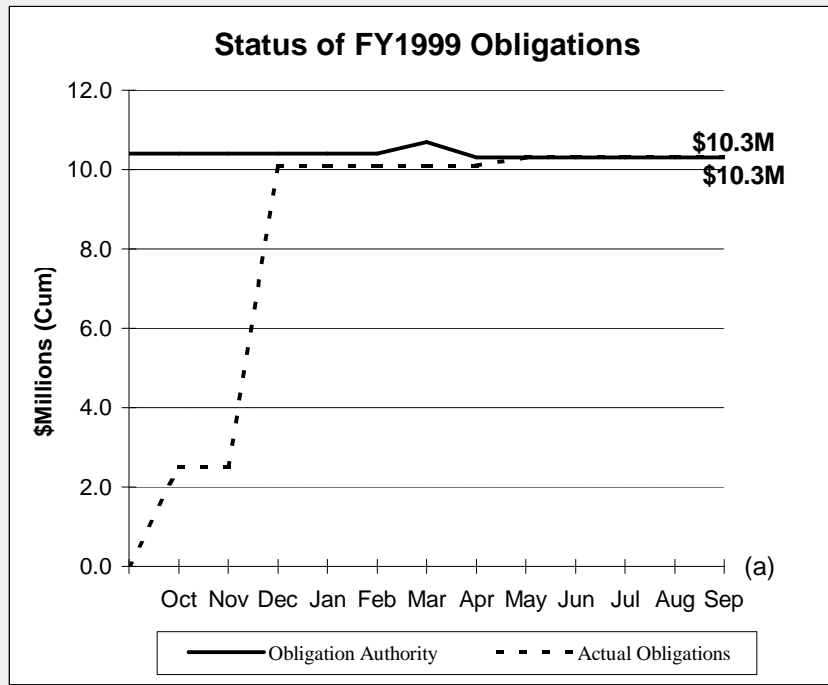
Note: Charts do not include WAST quality assurance.

(a) Each tick mark represents the end of a calendar month.

Note: Quantities shown are based on the FY 1999 September AFP and the September 30, 1999 FIS report.

Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

FY1999 OBLIGATION AND COST STATUS QUALITY ASSURANCE



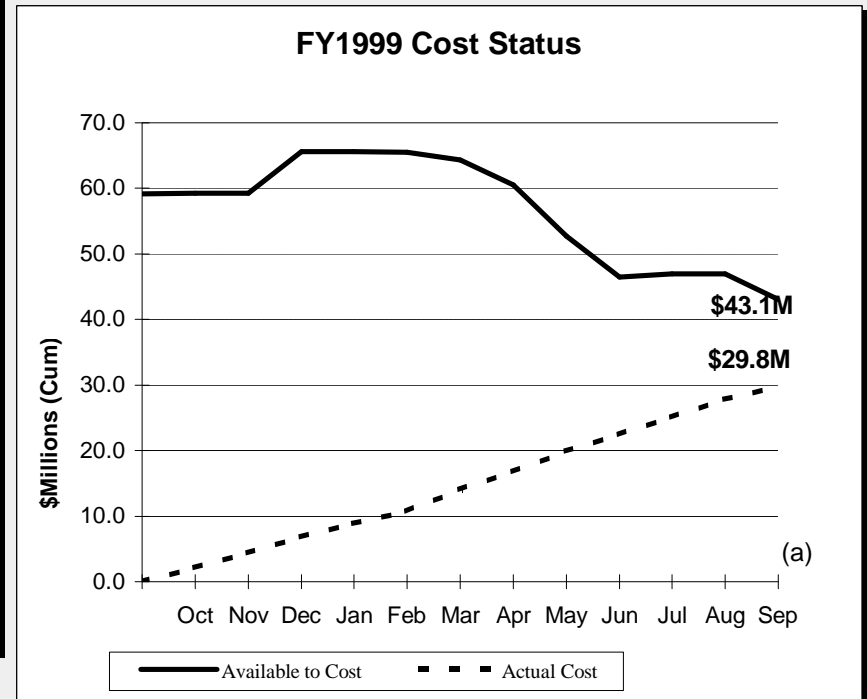
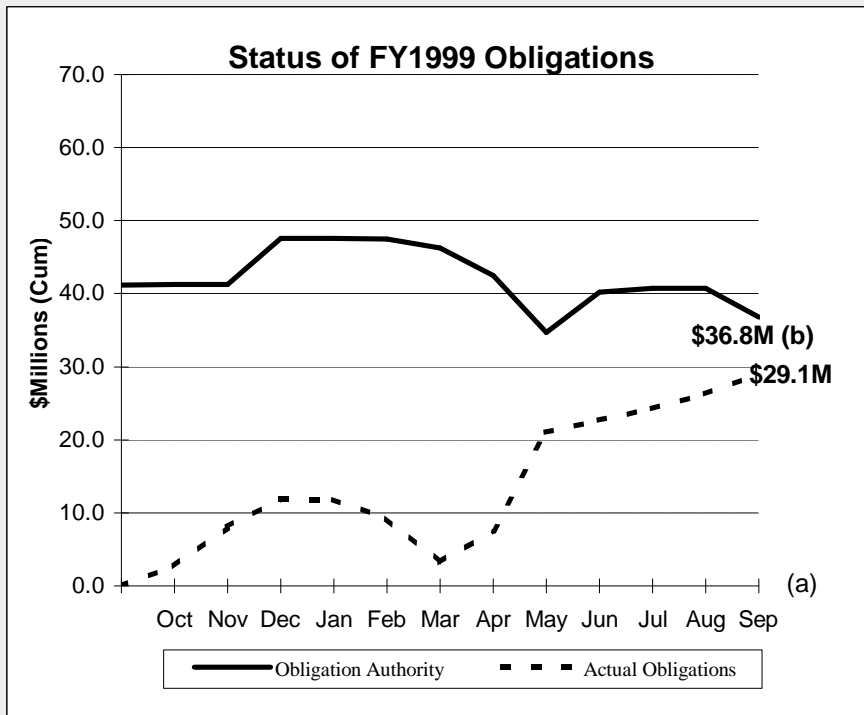
Note: Charts include Yucca Mountain and WAST quality assurance.

(a) Each tick mark represents the end of a calendar month.

Note: Quantities shown are based on the FY 1999 September AFP and the September 30, 1999 FIS report.

Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

FY1999 OBLIGATION AND COST STATUS PROGRAM MANAGEMENT



(a) Each tick mark represents the end of a calendar month.

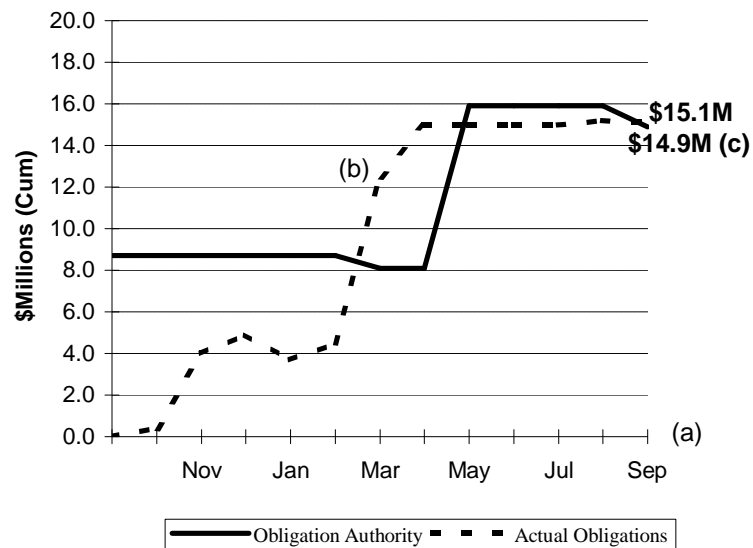
(b) Total Obligational Authority (TOA) includes \$.5M of prior year obligations which have been de-obligated during FY 1999.

Note: Quantities shown are based on the FY 1999 September AFP and the September 30, 1999 FIS report.

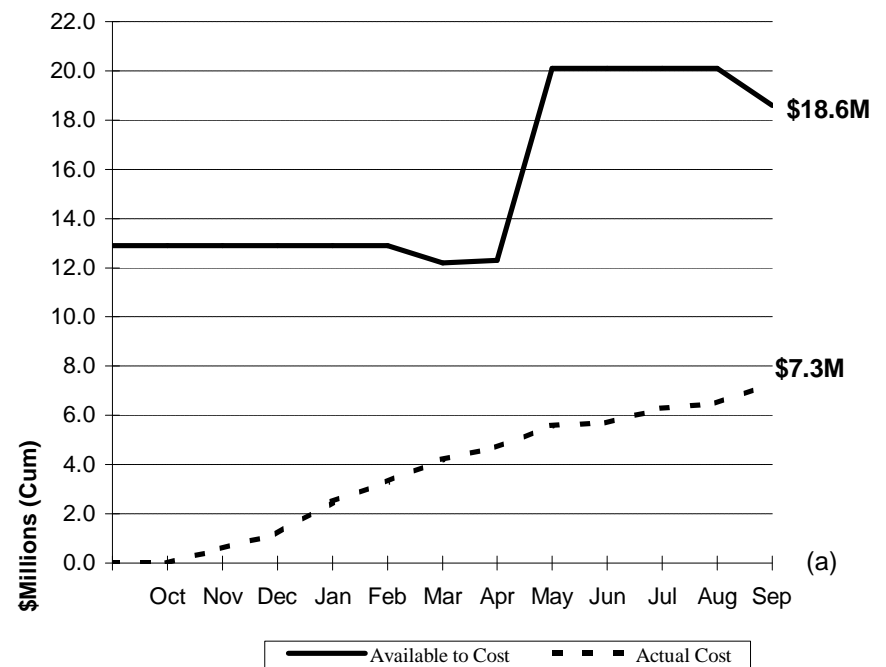
Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

FY1999 OBLIGATION AND COST STATUS HUMAN RESOURCES AND ADMINISTRATION

Status of FY1999 Obligations



FY1999 Cost Status



(a) Each tick mark represents the end of a calendar month.

(b) Actual obligations increased due to movement of funding for lease termination liability from Program Management to Human Resources and Administration.

(c) Total Obligational Authority (TOA) includes \$7.4M of prior year obligations which have been de-obligated during FY 1999.

Note: Quantities shown are based on the FY 1999 September AFP and the September 30, 1999 FIS report.

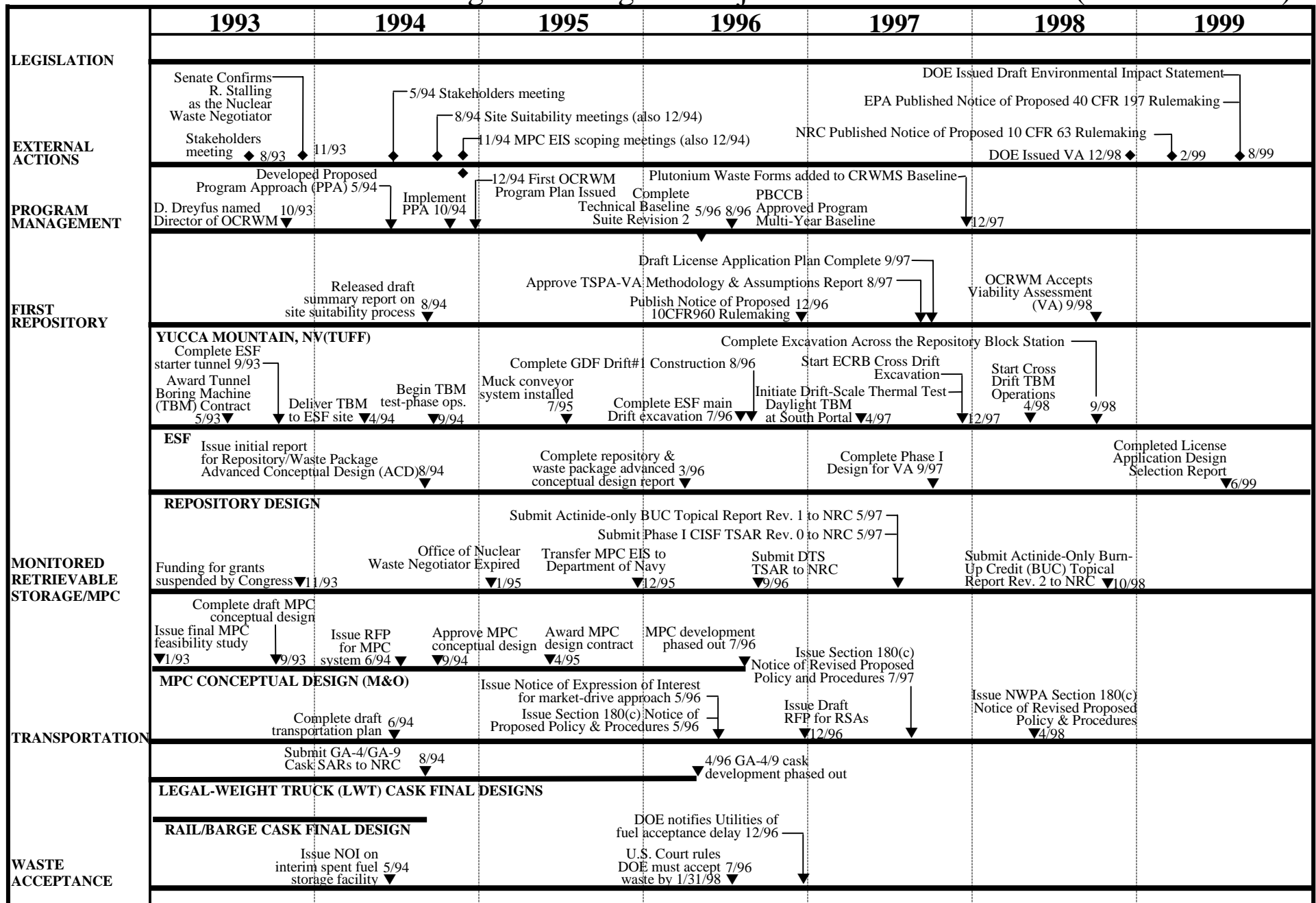
Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

Civilian Radioactive Waste Management Program/Major Historical Milestones (CY 1983-1992)

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992					
LEGISLATION	President signs Nuclear Waste Policy Act (NWPA) establishing OCRWM 1/83			Congress enacts Nuclear Waste Policy Amendments Act (NWPAA) 12/87			Congress Enacts Energy Policy Act 10/92								
EXTERNAL ACTIONS	NRC publishes waste confidence rulemaking 8/84		President authorizes OCRWM to dispose DHLW 4/85	NRC issues first license 7/86 for independent dry spent fuel storage		NRC publishes update to waste confidence rulemaking 9/89		8/90 Senate confirms D. Leroy as the nuclear waste negotiator			1/91 NRC accepts OCRWM QA program				
PROGRAM MANAGEMENT	Issue Draft Mission Plan 6/84	B. Rusche named first Director of OCRWM 5/84	Issue Mission Plan 6/85	Issue Draft Mission Plan Amendment 1/87	Issue Mission Plan Amendment 6/87	Issue Draft Mission Plan Amendment 6/88	Issue Management Systems Improvement Strategy (MSIS) 8/90	J. Bartlett named Director of OCRWM 4/90	Award M&O Contract 2/91	Issue Draft Mission Plan Amendment 9/91	First Director's Forum 5/92				
FIRST REPOSITORY	Issue final repository siting guidelines (10 CFR 960) 12/84		Issue Draft EAs for 9 sites 12/84		2/83 Identify 9 potentially suitable sites	Issue final geologic & environ. Char. Reports 9/85	Publish Final EAs Secretary nominates 5 sites President approves 3 sites for characterization 5/86	NWPAA mandates Site Char. At Yucca Mountain only 12/87	Issue SCP 12/88	Issue consultation draft Site Char. Plan (SCP) 1/88	Complete ESF Title I Design 11/88	12/88 Issue Section 175 socioeconomic report	Issue early site suitability evaluation report 2/92	Receive air quality permits 6/91	Receive final permit from Nevada 3/92
SECOND REPOSITORY				YUCCA MOUNTAIN, NV (TUFF)			Issue updated ESF Title I		Design summary report 10/91	Start ESF Title II (KD2) Design 12/91			ESF Start 10/92	ACD	
				HANFORD, WA (BASALT)					Issue report on alternatives for ESF config. 1/91						
				DEAF SMITH COUNTY, TX (SALT)					Receive air quality permits 6/91						
				EXPLORATORY STUDIES FACILITY (ESF) ALTERNATIVES STUDY			Start new surface-based testing 7/91								
MONITORED RETRIEVABLE STORAGE (MRS)/ MULTI-PURPOSE CANISTER (MPC)	Issue draft siting guidelines 2/83	Issue draft area recommendation report (12 areas in 7 states) 1/86	Issue final region-to-area screening methodology 4/85	Postpone site-specific work for second repository indefinitely 5/86	NWPAA terminates second repository program 2/87	3/87 Submit proposal for an MRS facility at Oak Ridge, TN	Oak Ridge proposal annulled & revoked by NWPAA 12/87	Issue report on 5/89 DOE position on MRS facility	Announce grants availability 6/91	4/92 Award first Phase II grants	Award first Phase I grants 10/91	Generic MRS Conceptual Design Report 11/92			
	Start MRS conceptual design 2/83	Issue Clinch River MRS conceptual design report 9/85				Start MRS systems study 6/88	Issue MRS systems study summary report 6/89			Start Multi-Purpose Canister (MPC) feasibility study 10/92					
	MRS CONCEPTUAL DESIGN (R.M. PARSONS)						MRS SYSTEMS STUDY								
				Issue draft Institutional Plan 9/85	1/86 Issue Business Plan			Start LWT & rail/ barge cask final design 1/90	Issue draft Section 180(c) strategy for public comment 1/92	Announce strategy to acquire existing technology casks 7/91	Issue final Section 180(c) strategy 11/92				
TRANSPORTATION				LEGAL-WEIGHT TRUCK (LWT) CASK PRELIM. DESIGN			LWT CASK FINAL DESIGNS								
WASTE ACCEPTANCE				RAIL/BARGE CASK PRELIM. DESIGN			RAIL/BARGE CASK FINAL DESIGN								
	Sign standard contract with utilities	6/85 Receive one-time fee payment		Issue first annual capacity report 6/87			Issue acceptance priority ranking 12/91	1/92 commitment schedules							

A-1

Civilian Radioactive Waste Management Program/Major Historical Milestones (CY 1993-1999)



A-2

PROGRAM COST HISTORY ^(d)
(NUCLEAR WASTE FUND AND DEFENSE APPROPRIATION)
(dollars in thousands)

	FY 1983	FY 1984	FY 1985	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	TOTAL
OCRWM																		
FIRST REPOSITORY																		
Basalt Project	42,959	60,307	69,848	104,487	128,179	61,707	8,656	4,592	1,368	909	475	221	71	3	0	0	(12)	483,771
Yucca Mountain Project	50,375	65,285	63,527	89,981	103,172	140,857	180,189	180,564	181,148	189,437	229,053	279,713	377,469	249,298	274,625	341,300	296,542	3,292,537
Salt Project	64,079	83,838	87,843	98,017	115,070	54,220	9,486	1,468	412	(193)	525	(257)	282	(155)	27	(238)	(73)	514,350
RTP/Technical Support					37,404	47,667	38,072	17,855	5,743	11,335	481	108	533	(2)	0	0	17	159,213
SECOND REPOSITORY	8,376	17,094	22,370	26,028	6,988	375	58	0	0	0	0	0	(3)	5	0	0	0	81,291
WAST PROJECT																		
MRS	3,723	10,436	15,339	5,925	1,384	1,364	1,566	2,109	5,459	21,336	15,385	3,698	8,152	114	0	0	(11)	95,979
Engineering Development (a)	0	0	179	3,097	10,557	7,991	5,323	10,255	9,055	6,398	4,290	12,065	9,709	15,381	947	328	(4)	95,569
Transportation System	0	1,541	2,226	5,768	10,835	15,582	25,901	21,628	19,792	16,635	15,149	15,167	10,736	5,665	3,317	2,114	267	172,322
Waste Acceptance (b)											6,630	3,721	4,748	4,195	675	738	972	21,680
Project Integration (c)													1,785	3,611	1,033	1,752	626	8,807
Spent Fuel Storage														2,331	3,318	1,588	(187)	7,050
PROGRAM INTEGRATION																		
Quality Assurance	0	0	0	0	0	136	471	1,588	2,911	3,179	10,593	12,628	11,744	18,297	15,478	10,670	10,513	98,210
Program Management & Integration (c,e)	8,651	36,382	54,350	64,824	54,909	51,850	60,830	57,978	71,225	66,417	59,347	50,855	51,331	34,845	31,037	33,314	29,791	817,939
Human Resources & Administration	147	1,108	574	584	686	275	283	7,661	5,287	10,795	28,433	27,096	31,065	10,825	9,344	10,240	7,347	151,748
TOTAL (OCRWM)	178,311	275,992	316,255	398,711	469,185	382,025	330,836	305,698	302,400	326,248	370,360	405,015	507,622	344,413	339,801	401,806	345,789	6,000,466
OCRWM																		
NWF Appropriation	178,311	275,992	316,255	398,711	469,185	382,025	330,836	305,698	302,400	326,248	271,093	284,883	381,879	195,486	145,611	193,837	155,196	4,913,646
Defense Appropriation (f)											99,267	120,132	125,743	148,927	194,189	207,969	190,593	1,086,819
TOTAL (OCRWM)	178,311	275,992	316,255	398,711	469,185	382,025	330,836	305,698	302,400	326,248	370,360	405,015	507,622	344,413	339,801	401,806	345,789	6,000,466
NON-OCRWM (g)																		
NRC Fees						19,932	18,674	22,870	19,650	19,962	21,100	22,000	22,000	11,000	15,000	15,000	19,150	226,338
NWTRB								2,000		3,294	2,060	2,160	2,664	2,531	2,600	2,600	2,600	22,509
NWN								5,959				1,000	1,000					7,959
TOTAL (NON-OCRWM)						19,932	18,674	30,829	19,650	23,256	23,160	25,160	25,664	13,531	17,600	17,600	21,750	256,806

Note: Each cost entry is rounded to the nearest thousand. Rows and columns may not add due to this independent rounding.

(a) Engineering Development costs include MPC development from FY 1993 through FY 1999.

(b) Waste Acceptance costs prior to FY 1993 were included in Program Management and Integration.

(c) Includes Debt Service from FY 1983 to FY 1985 of \$3.316M, \$4.472M, and \$2.512M, respectively. Does not include FY 1988 and FY 1989 NRC Fees costs of \$38,606,205 recorded in FIS in FY 1989.

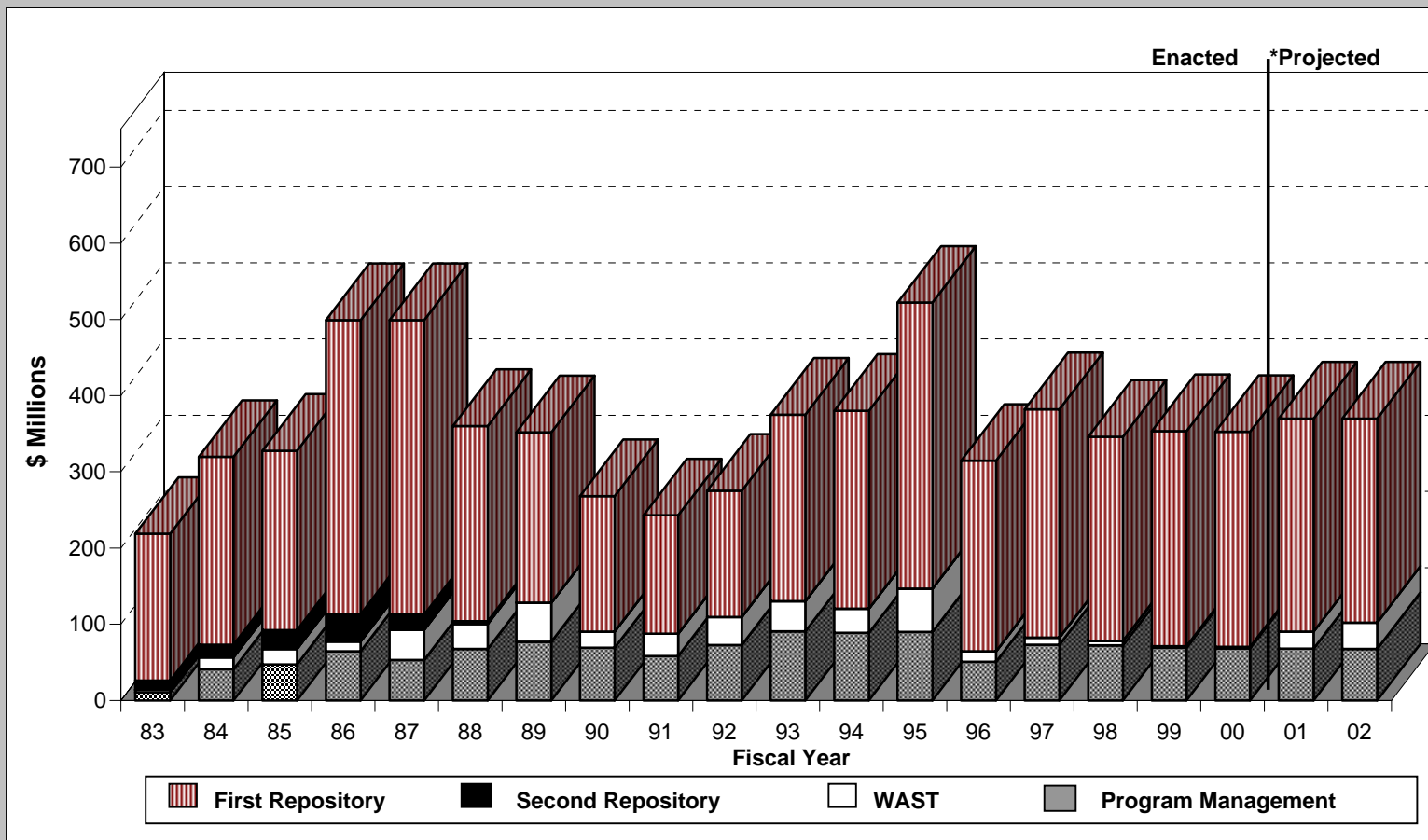
(d) All OCRWM cost categories are OCRWM baselined projects except for First Repository, Program Integration, and the subdivisions of the WAST Project. OCRWM costs are from End-of-Year Financial Information Systems Reports. Non-OCRWM costs before FY 1990 are NRC reported costs while after FY 1989 they are appropriations.

(e) MRS Project Support costs are in Program Management and Integration in fiscal years 1993, 1994, and 1996 and in WAST Project Integration in fiscal year 1995.

(f) Does not include costs from the \$5M in FY91 and \$7.5M in FY92 deposited into the nuclear waste fund by the Defense Environmental Restoration and Waste Management Program for the defense high-level waste disposal fee.

(g) All costs are appropriations, except for NRC Fees in fiscal years 1988 and 1989, which are the actual costs reported by NRC.

Program Budget History



Note- Funding for support services was moved from WAST and First Repository to Program Management starting in FY 1997.

Sources: Enacted Appropriations

*FY01/02 from FY 2000 Congressional Budget Request.

First Repository includes BWIP, SRPO, YMP, RTP, and Technical support through FY92.

Includes \$100M in FY93, \$120M in FY94, \$129.43M in FY95, \$163.4M in FY96, \$200M in FY97, \$190M in FY98, \$189M in FY99, \$112M in FY00, \$190M in FY01, and \$190M in FY02 from the Defense Nuclear Waste Disposal Appropriation.

Does not include \$4M appropriated in FY99 from general revenues to assess accelerator transmutation of waste (ATW) technology.

PROGRAM BUDGET HISTORY ^(a)
(NUCLEAR WASTE FUND AND DEFENSE APPROPRIATION) ^(b)
(dollars in thousands)

	FY83	FY84	FY85	FY86	FY87	FY88	FY89	FY90	FY91	FY92	FY93	FY94	FY95	FY96	FY97 (g)	FY98 (g)	FY99 (g,h)	FY00 (g)	Total
OCRWM (By category)																			
FIRST REPOSITORY	192,537	246,560	235,246	386,050	386,446	256,000	223,700	177,816	155,180	165,550	244,697	259,509	375,270	250,000	299,459	267,710	282,414	282,238	4,686,382
SECOND REPOSITORY	12,322	16,270	24,709	35,500	19,800	3,500													
WAST PROJECT	3,499	15,900	20,344	12,925	39,700	33,000	51,000	21,200	29,310	36,848	39,630	31,866	56,729	13,600	9,360	5,947	1,850	1,795	424,503
PROGRAM MANAGEMENT ^(c, d)	10,242	40,891	47,370	64,562	53,054	67,500	77,132	69,040	58,340	72,673	90,744	88,625	90,061	50,867	73,181	72,343	69,201	68,467	1,164,293
TOTAL (OCRWM) ^(e)	218,600	319,621	327,669	499,037	499,000	360,000	351,832	268,056	242,830	275,071	375,071	380,000	522,060	314,467	382,000	346,000	353,465	352,500	6,387,279
OCRWM (By Approp)																			
NWF Appropriation	218,600	319,621	327,669	499,037	499,000	360,000	351,832	268,056	242,830	275,071	275,071	260,000	392,630	151,067	182,000	156,000	164,465	240,500	5,183,449
Defense Approp ^(e)										100,000	120,000	129,430	163,400	200,000	190,000	189,000	112,000	1,203,830	
TOTAL (OCRWM) ^(e)	218,600	319,621	327,669	499,037	499,000	360,000	351,832	268,056	242,830	275,071	375,071	380,000	522,060	314,467	382,000	346,000	353,465	352,500	6,387,279
NON-OCRWM																			
NRC Fees							15,000	49,970	19,650	19,962	21,100	22,000	22,000	11,000	11,000	15,000	17,000	19,150	242,832
NWTRB								2,000		3,294	2,060	2,160	2,664	2,531	2,531	2,600	2,600	2,600	25,040
NWN ^(f)								5,959				1,000	1,000	0	0	0	0	0	7,959
TOTAL (NON-OCRWM)							15,000	57,929	19,650	23,256	23,160	25,160	25,664	13,531	13,531	17,600	19,600	21,750	275,831

- (a) The source for each fiscal year's budget authority is the last Congressional Budget Request (CBR) which listed the BA for that year. For example, FY 1995 BA was last listed in the FY 1997 CBR.
- (b) This chart includes budget authority derived from the Nuclear Waste Fund which was appropriated for nuclear waste disposal, the Nuclear Waste Technical Review Board, the Nuclear Regulatory Commission, and the Nuclear Waste Negotiator. It also includes appropriations for defense nuclear waste disposal. This chart does not include non-Program budget authority such as the \$4M appropriated from general revenues in FY 1999 to assess accelerator transmutation of waste (ATW) technology nor sums appropriated for energy supply R&D activities conducted by OCRWM.
- (c) FY95 reflects the rescission of \$196K. FY96 reflects the rescission of \$559K by P.L. 104-134
- (d) Includes \$26K in FY95 and \$26K in FY96 from the DOE Departmental Administration appropriation funded from sources other than the NWF.
- (e) FY96 does not include \$85M appropriated for Interim Storage Facility (ISF), but not authorized. Does not include the \$5M in FY91 and \$7.5M in FY92 deposited into the nuclear waste fund by the Defense Environmental Restoration and Waste Management Program for the defense high-level waste disposal fee.
- (f) FY94 funded from sources other than the NWF.
- (g) First Repository and WAST Project support services funding is included in Program Management after FY 1996. FY98 reflects the rescission of \$4 million appropriated for NRC to use to license an MPC design.
- (h) The Emergency Steel Loan Guarantee and Emergency Oil and Gas Guaranteed Loan Act of 1999 (H.R. 1664) rescinded \$535,000 of FY 1999 funds from the Nuclear Waste Disposal Fund appropriation.